

## **Historic, Archive Document**

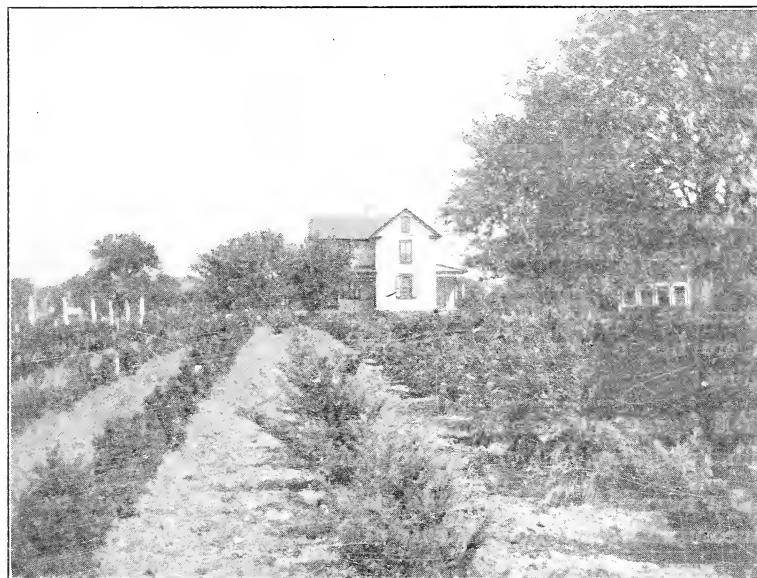
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J. W. Root 1315 Root.  
INDEXED MAR 9 1916 ✓

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# Fruit and Ornamental Trees and Plants



A Block of Our Ornamental Evergreens. In the Background a Home for Some of Our Help.

*Catalog*  
**ROOT'S NURSERIES**

J. W. ROOT

Manheim, R. D. No. 1, Lancaster County, Pa.

We urge our regular customers to place their orders with us as early as possible, so that their lists may be filled complete.

Our stock is of the usual good quality, such as we have furnished in the past. To those that never bought from us we can only say that our stock has given general satisfaction and a trial of it will prove its worth. We invite you to see our stock.

**Terms Cash**, except when expressly agreed otherwise.

**Shipping**—We have the Pennsylvania, Philadelphia & Reading Railroads, and the Lancaster Trolley system, and can ship in any direction with the probability of prompt arrival at destination. All shipments travel at the cost and risk of the purchaser.

**Guarantee**—We use the greatest care possible to have our stock true to name as we believe them to be in all instances, and should any prove not true, we stand ready to replace it free of charge or to refund the purchase price, but do not hold ourselves liable to other damages than are herein named; and all our sales are made with this understanding.

**All Agreements** and contracts are made subject to loss of crop by drouth, floods, fire, hail, or other unavoidable causes.

**Our nurseries are inspected every year and every shipment will be accompanied by a Certificate of the State Examiner.**

**Location**—Our office and packing grounds are situated three miles south of Manheim and one and one-half miles north of East Petersburg.

Cars on the Trolley Road from Lancaster to Manheim pass within a short distance of the nursery. Visitors welcome.

Respectfully yours,

**J. W. ROOT, Manheim, Pa.**

Bell Phone 43-M Landisville  
Ind. Phone 638-G Manheim

Mar 5 1915

### Distances for Planting

Standard Apples .....	30 to 40 feet apart each way
Standard Pears and strong-growing Cherries.....	20 to 25      "      "
Duke and Morello Cherries.....	18      "      "
Standard Plums, Apricots, Peaches and Nectarines.....	16 to 20      "      "
Dwarf Pears and Quinces.....	10 to 12      "      "
Grapes.....rows six feet apart.....	6 to 8 feet in rows
Currants and Gooseberries.....	3 to 4 feet apart
Raspberries and Blackberries.....	3 to 4 by 7 feet apart
Strawberries, for field culture.....	1 to 1½ by 3 feet apart
Strawberries, for garden culture.....	1 to 2 feet apart
Asparagus, in fields .....	1½ by 3 to 4 feet apart

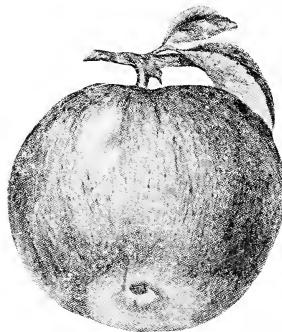
### Number of Trees to the Acre When Planted at Stated Distances

40 x 40 feet apart.....	27	12 x 12 feet apart.....	302
30 x 35      ".....	35	10 x 10      ".....	432
30 x 30      ".....	49	8 x 8      ".....	681
25 x 25      ".....	69	6 x 6      ".....	1,210
20 x 20      ".....	109	5 x 5      ".....	1,741
18 x 18      ".....	135	4 x 4      ".....	2,722
15 x 15      ".....	194	3 x 3      ".....	4,840

### Rules for Other Distances

Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants or trees to the acre.

# APPLES



For the benefit of the planter who is not familiar with the best varieties to plant in this part of the country, I have made a few selections that have proven successful and will cover the season from early to late. While we grow many other varieties that are very good space does not allow a description of them all, and any information about other varieties will be cheerfully given.

**YELLOW TRANSPARENT.** Early summer. Medium to large; cream and yellow; tender, juicy, of fine flavor, subacid, fragrant. Trees very young bearers and yield big crops every year. Hardy, dwarf growers.

**RED ASTRACHAN.** July and August. Medium size; yellow, with large, dark red patches; flesh decidedly acid and juicy; excellent for cooking. A handsome Apple, selling for a good price. Tree vigorous and very hardy.

**SUMMER RAMBO.** Summer and fall. A large, handsome Apple, yellowish green striped and splashed with red, flesh crisp, tender, very good. Tree vigorous and a heavy bearer.

**SMOKEHOUSE.** Fall. A large Apple of superfine flavor, excellent for eating; yellowish green mottled with dull red and with many russet dots; flesh firm, crisp, juicy and aromatic. Tree large, vigorous and reliably productive.

**GRIMES' GOLDEN.** Medium-sized, golden yellow, tender, rich, aromatic, spicy like a peach, subacid, delicious. No better sort exists for eating raw or for cooking, and few Apples are more profitable commercially.

**STAYMAN.** (Stayman Winesap). Winter. Very late keeper, but mellows for use in the fall. Medium to large, attractive; green and yellow, almost hidden by dark red stripes; flesh yellow, not in the least mealy; plenty of juice; quality the finest, ranking with Grimes' Golden. Tree a quick and large grower. Bears young.

**STARK.** Winter. Long keeper and a reliable commercial sort. Fruit large, round, greenish yellow, with red stripes; flesh yellow, crisp, and mildly acid. Tree a regular bearer.

**YORK IMPERIAL.** Can be kept till the new crop comes. Medium-sized, round, irregular; greenish yellow overlaid with bright red stripes; flesh tender, firm, crisp. Tree is a vigorous grower, strong and healthy and an unusually heavy bearer.

	Each	Per 10	Per 100
Extra size, 6 to 7 feet.....	\$0.35	\$3.00	\$25.00
First Class, 5 to 6 feet.....	.25	2.25	20.00
Light First Class, 4 to 5 feet.....	.20	2.00	15.00

## Summer Varieties

Benoni  
Early Harvest

Red Astrachan  
Watermelon

Yellow Transparent  
Summer Rambo

## Fall Varieties

Fanny  
Gravenstine  
Jeffries

Maiden Blush  
Mellinger

Smokehouse  
Wealthy

## Winter Varieties

Baldwin  
Banana  
Dominie  
Delicious  
Falawater  
Grist (Winter)  
Greenville  
Grimes (Golden)  
Hubbardston (Nonsuch)

Lawver  
McIntosh  
Northern Spy  
Nero  
Paragon  
Paradise  
Red Romanite  
R. I. Greening  
Rome Beauty

Jonathan  
Roxbury (Russet)  
Smith (Cider)  
Stark  
Stayman Winesap  
Tolman  
Winesap  
York Imperial  
Yellow Newton

## CRAB APPLES

Hyslop

Transcendent

Yellow Siberian

## PEACHES

**GREENSBORO.** Extra large for such an early Peach and one of the handsomest, being of a rich yellowish white, with a crimson cheek; the flesh is white, exceedingly tender, and of fine quality.

**CARMAN.** A remarkably attractive and luscious Peach, large and broad, oval-shaped, yellowish white; flesh creamy white, with red tinge, spicy and good. Very hardy.

**CHAMPION.** Ripens Aug. 1. Fruit large, creamy white, with red cheek; sweet, juicy, very high quality and splendid. Hardy and productive. Free.

**BELLE OF GEORGIA.** Fruit very large and most attractive in color and shape, with a light red cheek; flesh white, firm, delicious—in all ways the quality is fine. Trees grow quick in shapely form and are very strong. Hardy, prolific. Free.

**ELBERTA.** The old reliable, of which more are planted and from which more money has been made than from any other Peach. Most dependable. Large to extra large; golden yellow, with brilliant shades of red; firm, juicy, rich. Free.

**OLD MIXON.** Fruit large, pale yellow, with good red cheek; flesh white with red stain at the stone, tender, rich and excellent. Tree fine and large, and does well in great variety of soils and situations. Free.

**LATE CRAWFORD.** Ripens Sept. 10. One of the best late sorts. Superb in size and shape; splendid yellow, with broad, dark red cheek; flesh deep yellow, juicy and melting, rich, winy flavor. Free.

**FOX.** Ripens middle of September. Large; white, with whole side red; melting, sweet, high quality and high flavor. Good for home use, market and canning. Free.

**SMOCK.** Fruit medium to large; light orange-yellow, red cheek; rich and juicy. Freestone.

**IRON MOUNTAIN.** Our best late large, white-fleshed Peach; very popular. Freestone.

	Each	Per 10	Per 100
Extra size, 5½ to 7 feet.....	\$0.25	\$2.00	\$12.00
Heavy First Class, 5 to 6 feet.....	.15	1.25	10.00
First Class, 4 to 5 feet.....	.12	1.00	9.00
Light First Class, 3 to 4 feet.....	.10	.75	6.00
Second Class .....	.08	.60	5.00

### Variety Arranged in Order of Ripening. (W, White; Y, Yellow)

Sneed, W	Captain Ede, Y	Fitzgerald, Y
Greensboro, W	Globe, Y	Fox, W
Waddell, W	Elberta, Y	Stump, W
Carman, W	Late Crawfords, Y	Smock, Y
Mountain Rose, W	Susquehanah, Y	Salway, Y
Champion, W	Mathews, Y	Iron Mountain, W
Belle of Georgie, W	Old Mixon, W	Bilyeu's Late October, W
Ray, W	Chairs, Y	

## PEARS

**BARTLETT.** Large, clear yellow; juicy, melting, of delicious, highly perfumed flavor. Remarkable for early and abundant bearing. Aug. and Sept.

**SECKEL.** Small; yellowish, with a dull red cheek; in quality the best Pear known. Tree a moderate grower, forming compact, round head; does well either as standard or dwarf. September and October.

**KIEFFER.** Large; deep yellow; flesh white, coarse, juicy and sweet; quality variable. Excellent for canning and a most profitable market variety, ripening, as it does, after most reliable Pears are gone. Immensely productive and vigorous, and comes into bearing very young.

**SHELTON.** Medium to large; yellow, russet and red; melting, rich and of most delicious flavor; tree vigorous and handsome; a very excellent variety. October.

	Each	Per 10
Extra Size, 6 to 7 feet.....	\$0.50	\$4.00
First Class, 5 to 6 feet.....	.40	3.50
Dwarf Pear .....	.35	3.00

### Varieties

Wilder Early	Sheldon	Seckel
Clapp's Favorite	Duchess	Lawrence
Flemish Beauty	Bartlett	Keiffer

# CHERRIES

## SOUR CHERRIES

**EARLY RICHMOND.** One of the most valuable and popular cherries unsurpassed for cooking purposes. It is the good old variety that yields such marvelous crops.

**LARGE MONTMORENCY.** This is the best of all the sour varieties of Cherries. There is a greater demand on the market for this Cherry than for any other. The trees are the cleanest and best growers and are less subject to disease, less affected by wet weather, and are the best bearers of the best fruit of all other sour varieties.

Extra Size, 5 to 6 feet.....	\$0.50	\$4.00	\$35.00
First Class, 4 to 5 feet.....	.35	3.00	25.00
Light First Class.....	.25	2.25	20.00

## Sweet Varieties

Black Tartarian  
Governor Wood  
Yellow Spanish  
Mercer

Napoleon  
Schmidt's  
Windsor

## Sour Varieties

Early Richmond  
Large Montmorency  
English Morello

# PLUMS

**RED JUNE.** The best Japan plum, ripening before Abundance. Medium to large; deep vermillion-red, with handsome bloom; flesh light lemon-yellow, firm; moderately juicy; fine quality. Tree upright, spreading, vigorous and hardy; productive.

**ABUNDANCE.** Fruit large, showy, beautiful. Amber, turning to a rich, bright cherry color, with a decided white bloom, and highly perfumed. Flesh light yellow, exceedingly juicy and tender, of a delicious sweetness impossible to describe.

**BURBANK.** When properly thinned, the fruit is very large, nearly round and bright, deep red; flesh a deep yellow, very sweet, meaty and quite firm, keeping and shipping finely.

Tree hardy and vigorous, but sprawling in growth; needs close pruning; enormously productive.

**BRADSHAW.** A very large and fine early plum, dark violet red, juicy and good. Trees erect and vigorous; very productive; valuable for market. The quality is excellent.

**GERMAN PRUNE.** A valuable Plum for dessert, but most esteemed for market and drying or preserving. Fruit long, oval, purple with a thick bloom; flesh firm, sweet and pleasant, separating freely from the stone.

**ITALIAN PRUNE.** Dark purple with a dark blue bloom; size medium; oval, pointed and tapering. Flesh juicy and delicious; fine for drying; free-stone.

	<b>Each</b>	<b>Per 10</b>	<b>Per 100</b>
Extra Size, 5 to 6 feet.....	\$0.50	\$4.50	\$40.00
First Class, 4 to 5 feet.....	.35	3.25	30.00
Light First Class.....	.25	2.50	25.00

### Varieties

Abundance	Satsuma	German Prune	Italian Prune
Burbank	Imperial Gage	Wickson	Shipper's Pride
Ogon	Lombard	Yellow Egg	Lincoln
Red June	Bradshaw	Niagara	

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## QUINCES

**ORANGE.** Large, orange-shaped, of excellent flavor; one of the finest of the old varieties. Trees bear young, and are very productive.

**CHAMPION.** The tree is a strong, free grower, and usually comes in bearing

the second or third year; very productive. Flesh cooks very tender, and is free from the hard spots or cores found in other varieties. Fruits large, equal to Orange in flavor. Ripens about two weeks later.

	<b>Each</b>	<b>Per 10</b>	<b>Per 100</b>
Extra Size, 4 to 5 feet.....	\$0.50	\$4.50	\$35.00
First Class, 3 to 4 feet.....	.35	3.00	25.00

### Varieties

Bourgeat	Meech's Prolific	Rea's Mammoth	Champion	Orange
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## APRICOTS

Extra Size, 50c each.

First Class, 35c.

Early Golden, Harris, Moorpark, Alexis.

## RASPBERRIES

25c per 10; \$2 per 100; \$15.00 per 1000.

**CUMBERLAND.** The best of all black-cap; perfectly hardy, a vigorous grower, very productive.

**CUTHBERT.** Red; well known, high quality; productive. One of the most popular and profitable red sorts.

## BLACKBERRIES

25c per 10; \$2 per 100; \$15.00 per 1000.

**ELDORADO.** The hardiest and sweetest blackberry. Very vigorous and hardy. Berries are very large, jet black, borne in large clusters and ripen well together; are very sweet, melting, pleasing to the taste, have no hard core.



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## CURRANTS

Strong Plants. 15c each; \$1 per 10; \$7 per 100.

**FAY.** Large, most popular.

**WILDER.** Newer, claimed to be the best.

**CHERRY.** Very large.

**WHITE GRAPE.** Best white.

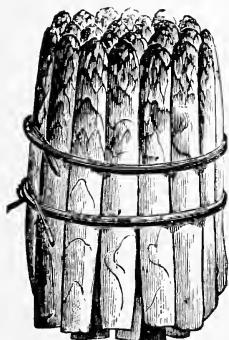
**PERFECTION.** One of the very best, large, few seeds, 20c each, \$1.50 per 10.

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**GOOSEBERRIES.** Strong Plants. 15c each; \$1.25 per 10. Downing, Smith, Red Jacket, Houghton, Industry.

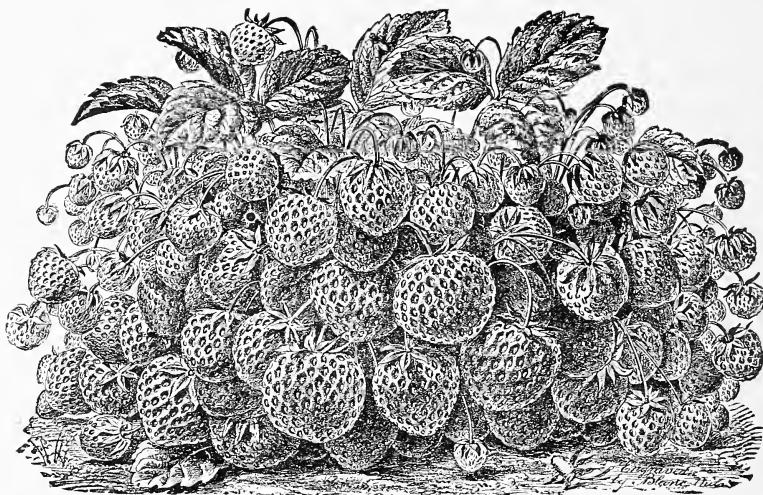
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## ASPARAGUS



**ASPARAGUS.** Palmetto, Donald's Elmira, Barr's Mammoth. I have been growing these three varieties for market and home use and find them about equally desirable.

Strong 2 year roots. 15c per 10. 75c per 100. \$5.00 per 1000.  
1 year roots. 10c per 10. 50c per 100. \$3.50 per 1000.



## STRAWBERRIES

25c per 10; 75c per 100; \$4.50 per 1000.

**BUSTER.** (Imp.) Mid-season. One of our best yielders of large bright scarlet berries.

**BISMARCK.** (Per.) Mid-season. A seedling of Bubach that resembles it in every way, but makes plants much more freely; fruit as large, of better shape, bright scarlet, with no green tips, very firm, of good flavor.

**HAVERLAND.** (Imp.) Mid-season. This is an old and well known variety that has been tested for many years, and is just as popular today as it ever was. The plant is large, a strong grower, and bears enormous crops of large bright red berries.

**UNCLE JIM.** (Per.) Mid-season. Very similar to New York. Large, productive and fine flavored.

**DUNLAP.** (Per.) Mid-season. It is especially noted for being a very heavy bearer, very vigorous in growth, long fruiting season, and for being able to resist drought.

**BRANDYWINE.** (Per.) Medium late. An old and very popular variety of general adaptability. The berries are very large, dark red to the center, firm and of good flavor.

**GLEN MARY.** (Per.) Mid-season to late. Both berry and plant are very large.

**SAMPLE.** (Imp.) Medium late. This variety grows vigorously on all kinds of soil, and produces a heavy yield of large, firm, juicy, fine flavored berries.

**CHESAPEAKE.** (Per.) Late. One of the very best late varieties.

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## RHUBARB

10c each; 75c per 10; \$5 per 100.

## GRAPES

2 year strong. 15c each; \$1 per 10; \$7.00 per 100.

**MOORE'S EARLY.** A reliable, early black grape. Medium bunch, berry large and jet black. Two weeks earlier than Concord.

**WORDEN.** Possesses most of the good qualities of Concord and lacks some of the bad ones. Differs chiefly in having larger berries and bunches. Better in quality and five to ten days earlier.

**BRIGHTON.** A large, delicious, sweet red Grape; vine thrifty and a strong grower; flesh sweet, tender and very juicy. Best of all large red Grapes.

**NIAGARA.** The leading American white grape, succeeds almost everywhere. Bunch large, handsome, and has a flavor and aroma peculiarly its own.

**CONCORD.** The well-known black Grape. Can always be depended on.

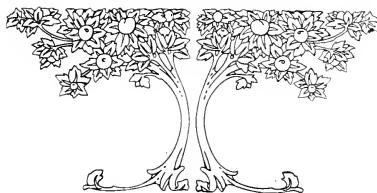
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## NUTS

		Each
<b>WALNUT</b> —English	3 to 5 feet.....	\$.50
" Japan	3 to 5 " .....	.40
" Black	3 to 4 " .....	.25
<b>SHELLBARK</b>	3 to 4 " .....	.50

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<b>PERSIMMON</b>	4 to 5 "	.50
<b>MULBERRY</b> —Downing	4 to 6 "	.75



# ORNAMENTAL DEPARTMENT

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No matter how simple the home it is to the best interest of every owner to "dress up" the grounds in a way that will make it as attractive and homelike on the outside as the good housekeeper loves to have it in the inside. A few dollars worth of trees, shrubs, vines and evergreens is often all that is necessary.

Space here will allow only few and short descriptions, if desired we will be glad to offer suggestions and aid you in selecting suitable varieties.

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## DECIDUOUS TREES

	Each	Per 10
<b>ASH</b> , White, a native tree of quick growth, 8 to 10 ft. ....	\$.65	
<b>BIRCH</b> , White, beautiful silvery bark, good grower, 8 to 10 ft. ....	.65	\$ 5.00
"    Cutleaf Weeping, a most graceful tree, very popular, 66 to 8ft. 1.00		
"    Cutleaf Weeping, a most graceful tree, very popular, 8 to		
10 ft. ....	1.50	
<b>BUTTONWOOD</b> , (Oriental Plane) Valuable, large growing, 8 to 10 ft. .75	6.00	
<b>CATALPA</b> , Speciosa, Valuable for posts, rapid growth, 6 to 8 ft. .... .35	3.00	
"    Bungii, Umbrella tree, very ornamental, 4 to 6 ft. .... 1.00		
"    Bungii, Umbrella tree, very ornamental, 6 to 8 ft. .... 1.50		
<b>DOGWOOD</b> white flowering, 5 to 6 ft. .... .75		
"    red flowering, 2 to 4 ft. .... 1.00		
<b>ELM</b> , American, the noble spreading tree, very large, 8 to 10 ft. .... .75		
<b>HORSE CHESTNUT</b> , round dense heads of deep green leaves, 6 to 8 ft. .... .75		
<b>LINDEN</b> American, rapid growth, good for street and lawn, 8 to 10 ft. 1.00		
<b>MAPLE</b> , Norway, the best all round shade tree, most popular, 6 to 8 ft. .75	6.00	
"    Norway, the best all round shade tree, most popular, 8 to		
10 ft. ....	1.00	8.50
"    Norway, 10 to 12 ft. ....	1.25	11.00
"    Norway, 12 to 14 ft. ....	1.50	12.50
"    Schwedleri, leaves and buds purple in spring, 8 to 10 ft.... 1.25		
"    Silver, large rapid growing tree, 8 to 10 ft. .... .40		
"    Silver, large rapid growing tree, 10 to 12 ft. .... .50		
"    Sugar, taller growing than Norway, 8 to 10 ft. .... 1.00		
"    Wier's Cutleaf, graceful, drooping habit, 8 to 10 ft. .... .75		
"    Japan, Blood Leaf, dwarf habit, very beautiful, 18 in. .... 1.00		
"    Japan, Blood Leaf, dwarf habit, very beautiful, 2 ft. .... 1.50		
"    Japan, Red Fern Leaf, leaves finely cut, crimson, 2 ft. .... 1.50		
"    Japan, Green Fern Leaf, feathery green foliage, 2 ft. .... 1.50		
<b>MAGNOLIA</b> , White, Pink and Purple Flowering, 3 to 4 ft. .... 1.50		
<b>OAK</b> , Pin, one of the quickest growers of Oaks, 10 to 12 ft. .... 1.00		
<b>POPLAR</b> , Carolina, very rapid grower, 10 to 12 ft. .... .40		
"    Lombardy, tall grower, never spreading, 10 to 12 ft. .... .50		
<b>SALISBURIA</b> or Ginkgo, an unusual tree, fern like leaves, 8 to 10 ft. 1.00		
<b>TULIP TREE</b> , a magnificent native of our forests, 8 to 10 ft. .... .75		

## EVERGREENS

Evergreens are much desired for specimen lawn trees; are also used for massing, wind breaks, screens, hedges, etc. We have them from the low dwarf to the large growing varieties, of varied and brilliant color—every shade of green and blue foliage; golden, silver and white tipped varieties.

Such colors will give you Summer tints and Summer thoughts amid Winter snows.

**ARBORVITAE**, American, a splendid native, grows quickly, an old favorite,

	Each	Per 10	Per 100
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" " 12 to 18 in. ....	\$0.25	\$2.00	\$15.00
" " 18 to 24 in. ....	.35	2.50	20.00
" " 2 to 3 feet.....	.50	4.00	
" " 3 to 4 feet.....	.75	6.50	
" Compacta Dwarf, dense evergreen, 18 to 24 in.	.75	6.50	
" Pyramidal, more dense than American, 2 to 3 ft.	.75	6.50	
" Globe, very dwarf, ball like form, 12 to 18 in.	1.00	8.00	
" Geo. Peabody, best golden, 12 to 18 in. ....	.75	6.00	
" Geo. Peabody, best golden, 18 to 24 in. ....	1.00	8.00	
" Siberian, dark rich green, slow grower, 18 to 24	.75	6.00	

**BOXWOOD**, Tree Box, old, familiar and popular, 12 to 18 in. .60

" Pyramidal, shaped like Pyramid, 3 feet.....	2.50		
" Standard, shaped with 24 in. stem, 12 in. top....	2.50		
" Dwarf Box, used for edging walks, 4 to 6 in. ...	.15	1.00	7.50

**FIR**, Balsam, very hardy, dark needles, fragrant, 18 to 24 in. .50

" Nordmans, dense, one of the best evergreens, 18 to 24 in.	1.25	10.00	
" Concolor, rapid grower, light green, 18 to 24 in. ....	1.50	14.00	

**JUNIPER**, Irish, grows slender, frosted green foliage, 18 to 24 in. .75

" Japanese Aurea, bright golden yellow, 10 to 24 in.	1.00	8.50	
" Pfitzeriana, light green, spreading, beautiful, 18 to 24	1.25	12.00	
" Sabina, deep green foliage, spreading, 18 to 24 in.	1.00	8.50	
" Virginiana glauca, beautiful blue cedar, 18 to 24 in.	1.25	10.00	

**PINE**, Austrain, tall massive tree, 2 to 3 feet..... 1.00

" White, grows quickly, an old favorite, 18 to 24 in. ....	.50	4.00	
" Mugho, low dome-shaped plant, 12 to 18 in. ....	.85		

**RETINOSPORA**, or Japanese Cypress, unusually attractive

" Plumose, plume like, green foliage, 18 to 24 in.	.75	6.00	
" Plumosa aurea, golden feathery foliage, 18 to 24 in. ....	.75	6.00	
" Pisifera, green foliage, grows large, 18 to 24 in. ....	.75	6.00	
" Pisifera aurea, golden foliage, 18 to 24 in....	.75	6.00	
" Silver, feathery, steel blue or silvery, 18 to 24 in. ....	.90	8.00	

**SPRUCE**, Norway, more generally used than others, 18 to 24 in. .35

" Norway, 2 to 3 ft. ....	.50	4.00	
" Norway, 3 to 4 ft. ....	.75	6.00	
" Hemlock, splendid planted alone or hedges, 18 to 24 in.	1.00	7.50	

		Each	Per 10
<b>SPRUCE</b> , Blue Kosters, intense silvery blue, 15 to 18 in.	....	1.25	10.00
" Blue Kosters, 18 to 24 in.	.....	2.00	
" Blue Kosters, 2 to 2½ ft.	.....	3.00	
" Blue Kosters, 2½ to 3 ft.	.....	4.00	

## HEDGE PLANTS

		Per 10	100	1000
<b>CALIFORNIA PRIVET</b> —the most popular hedge plant.				
6 to 12 in. ....	\$ .20	\$ 1.75	\$12.00	
12 to 18 in. ....	.25	2.00	15.00	
18 to 24 in. ....	.35	2.50	20.00	
2 to 3 ft. ....	.50	4.00	35.00	
<b>BARBERRY</b> , Thunberg's, planted as hedge and singly.				
6 to 12 in. ....	\$ .10	\$ .75	\$ 5.00	
12 to 18 in. ....	.15	1.00	7.50	
18 to 24 in. ....	.20	1.25	10.00	

## FLOWERING SHRUBS

- ALTHEA**, Rose of Sharon, valuable for flowering hedge and planting alone.  
Varieties—Ardens, purplish blue, double; Boule de Feu, double red; Elegantissima, double white, crimson center; Folia variegata variegated leaves, all varieties. 2 to 3 ft. 25c each, \$2.00 per 10. (Jean de arc, pure white, double.)
- DEUTZIA**, Crenata, double pink, tall growing, June. Gracilllis, May, dwarf, single, pure white flowers, 2 to 3 ft. 25c each, \$2.00 per 10.
- FORSYTHIA**, Golden Bells, blooms early, golden yellow, 2 to 3 ft. 25c each, \$2.00
- HYDRANGEA**, P. G., huge heads of pure white flowers, an old favorite, 2 to 3 ft. 25c each, \$2.00 per 10. Tree form, 3 to 4 ft., 75c each.
- LILACS**, Common, 25c each. Improved named varieties, 40c each.
- SPIREAS**, Van Houttei, May, one of the best; Anthony Waterer, June until frost, crimson flowers, 1 to 2 ft. 25c each; \$2.00 per 10.
- SNOWBALL**, Japanese, one of the best ornamental shrubs, 2 to 3 ft. 25c each.
- WEIGELA**, Eva Rathke, red, almost a continual bloomer. 25c each.
- SWEET SHRUB**, Calycanthus, old-fashioned chocolate colored flowers, 2 ft. 25c.
- MOCK ORANGE**, Phil. cor. old favorite, fragrant flowers, 2 to 3 ft. 25c each.
- AZALEA**, Mollis, Chinese Azalea, April or May, large flowers, 12 to 18 in. 60c each.  
" Amoena, dwarf evergreen, in spring covered with bloom, 12 to 15 in. \$1.25 each.
- DOGWOOD**, alba, Red stems, white flowers, 25c each. Aurea, leaves yel. border, 35c each.
- KERRIA**, Japonica, Globe Flower, Orange yellow flower, spring, 25c each.
- HONEYSUCKLES**, upright, Red, White, Pink, Flowers, followed by berries. 25c each,

## CLIMBING VINES

**AMPELOPSIS**, Veitchii or Japan Ivy. 25c each.

**CLEMATIS**, Strong Plants, 35c each, \$3.00 per 10.

" Henryi, Large, creamy white handsome flowers.

" Jackmani, royal-purple flowers 3 inches across, most popular.

" Mme. Edouard Andre. Deep rich crimson; large flowers.

" Ramona. Very large, deep sky-blue flowers, a new sort.

" Paniculata, strongest grower, fall covered with sheet of small, white, fragrant flowers.

**HONEYSUCKLE**, Hall's, White and buff flowers, 20c each.

**WISTARIA**, Chinese Purple, grows anywhere, 50c each.

## HERBACEOUS PLANTS

**IRIS**, German, Blue, Yellow, and White, 15c each, \$1.25 per 10.

" Japan, assorted colors, 25c each, \$2.00 per 10.

**PAEONIES**. These old time favorites are planted more than ever before. There are a great many varieties, some of the best are Festiva Maxima, white, Tenuifolia fl. pl. feathery foliage, flowers brilliant crimson. Other named varieties in White, Red, and Pink. 35c each, \$3.00 per 10.

**PHLOX**, Hardy Phlox, has been much improved in late years in colors and size of flowers, they range in color from white to the more brilliant hues of pink and scarlet. When planted as a border their beauty is admired by all. Named varieties in all colors and shades, 15c each, \$1.25 per 10, \$10.00 per 100.

**HIBISCUS**, Mallow, Large white flowers, very showy. 15c each.

## ROSES

**RAMBLERS**, strong plants, 25c each, \$2.00 per 10. **Crimson Rambler**. Dorothy Perkins, shell pink. **Baltimore Belle**, blush white.

**HYBRID PERPETUALS**, 25c each, \$2.00 per 10. **Anne de Diesbach**, pink. Clio, flesh colored. **Coquette des Alps**, white. **Gen. Jacqueminot**, crimson. **La France**, clear silvery pink, large and full.

**TEA, HYBRID TEA AND EVERBLOOMING ROSES**, 35c each, \$3.00 per 10. **Grus an Teplitz**, bright, rich scarlet. **Kaiserin Augusta Victoria**, creamy white, large pointed buds. **Killarney**, pink, buds pointed, large bloom. **Etoile de Lyon**, bright sulphur-yellow, fragrant. **Etoile de France**, brilliant crimson, large, double, fragrant.

**BABY RAMBLERS**, 35c each, \$3.00 per 10. **Baby Rambler**, crimson, blooms continuously. **Baby Dorothy**, bright pink. incessant bloomer.

**ROSA RUGOSA**, Japanese rose, single red or white flowers, large bright seed pods, 25c each.

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In large orders send list of wants for special prices.

# Fruit and Ornamental Trees and Plants

FOR EVERY PURPOSE



Harvesting Yellow Transparent Apples in Our Orchard. From These Trees  
We Cut Buds and Grafting Wood for Use in the Nursery



## ROOT'S NURSERIES

R. F. D. No. 1

Manheim, Pa.